



U.S. Department of Transportation  
**National Highway Traffic Safety  
Administration**

1200 New Jersey Avenue SE  
Washington, DC 20590

June 17, 2020

Ms. Jennifer Shute  
Sr Mgr Safety Recall Execution  
Chrysler (FCA US LLC)  
800 Chrysler Drive  
CIMS 482-00-91  
Auburn Hills, MI 48326

NEF-150DM  
20E-037

**Subject:** Power Transfer Input Splines May Break

Dear Ms. Shute:

This letter serves to acknowledge Chrysler (FCA US LLC)'s notification to the National Highway Traffic Safety Administration (NHTSA) of a safety recall which will be conducted pursuant to Federal law for the product(s) listed below. Please review the following information to ensure that it conforms to your records as this information is being made available to the public. If the information does not agree with your records, please contact us immediately to discuss your concerns.

**Makes/Models/Model Years:**

MOPAR/POWER TRANSFER UNIT/9999

**Mfr's Report Date:** June 11, 2020

**NHTSA Campaign Number:** 20E-037

**Components:**

POWER TRAIN:AUTOMATIC TRANSMISSION  
POWER TRAIN:DRIVELINE:DIFFERENTIAL UNIT

**Potential Number of Units Affected:** 2,669

**Problem Description:**

Chrysler (FCA US LLC) is recalling certain Two-Speed Power Transfer Units (PTU) sold as replacement parts for certain Jeep Cherokee vehicles, part numbers 68090605AJ, 68090605AK, 68090605AL, 68282447AA, 68282447AB, 68282447AC, 68307403AA and 68307403AB. Relative movement in the Power Transfer Unit (PTU) between the differential input splines and the transmission output shaft may cause some input spline teeth to wear off, which may eventually cause a loss of engagement between the transmission and the differential inside the PTU. If this occurs, power cannot be transferred between the front wheels and the transmission which results in a loss of drive while the vehicle is in motion and a loss of the Park function while stationary.

**Consequence:**

A loss of drive can cause a vehicle crash without prior warning. A loss of the Park function can cause unintended vehicle rollaway which can increase the risk of a crash or injury.

**Remedy:**

FCA US LLC will notify owners, and dealers will perform a software update that will maintain vehicle propulsion by engaging rear wheel drive and prevent rolling in Park by activating the electronic parking brake if a failed input spline occurs. If the subject part is not installed in a vehicle, it will be exchanged with a new part. All repairs will be conducted free of charge. This recall is expected to begin July 31, 2020. Owners may contact FCA USA LLC customer service at 1-800-853-1403. FCA's number for this recall is W48.

**Notes:**

Owners may also contact the National Highway Traffic Safety Administration Vehicle Safety Hotline at 1-888-327-4236 (TTY 1-800-424-9153), or go to [www.safercar.gov](http://www.safercar.gov).

Please be reminded of the following requirements:

You are required to submit a draft owner notification letter to this office no less than five days prior to mailing it to the customers. Also, copies of all notices, bulletins, dealer notifications, and other communications that relate to this recall, including a copy of the final owner notification letter and any subsequent owner follow-up notification letter(s), are required to be submitted to this office no later than 5 days after they are originally sent (if they are sent to more than one manufacturer, distributor, dealer, or purchaser/owner).

As stated in Part 573.7, submission of the first of six consecutive quarterly status reports is required within one month after the close of the calendar quarter in which notification to purchasers occurs. Therefore, the first quarterly report will be due on, or before, 30 days after the close of the calendar quarter.

Your contact for this recall will be DeMara Magruder who may be reached by phone at (202) 366-8538, or by email at [demara.magruder@dot.gov](mailto:demara.magruder@dot.gov). We look forward to working with you.

Sincerely,



Joshua Neff  
Chief, Recall Management Division  
Office of Defects Investigations  
Enforcement